APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,764	07/09/2003	Travis J. Parry	200207046-1	9903

7590   05/08/2007

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER
SMARTH, GERALD A

ART UNIT	PAPER NUMBER
2109	

MAIL DATE	DELIVERY MODE
05/08/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _____ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-53* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) *1-53* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date *7/9/03*.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> (e) the invention was described in (1) an application for patent, published under section 122(b), by
> another filed in the United States before the invention by the applicant for patent or (2) a patent
> granted on an application for patent by another filed in the United States before the invention by the
> applicant for patent, except that an international application filed under the treaty defined in section
> 351(a) shall have the effects for purposes of this subsection of an application filed in the United States
> only if the international application designated the United States and was published under Article 21(2)
> of such treaty in the English language.

2.   Claim 1-6 rejected under 35 U.S.C. 102(e) as being anticipited by

Karn(2003/0147095).

Claim 1 state "A method of providing email messages to a printing device, said

method comprising attaching a memory module storing said email messages to a

printing device consumable."

This claim is being anticipated by Karn. Karn states " The invention is directed to

methods and systems for providing email access on any printing-capable device(fig. 1

printer 12) which is networked with a mail server." (page 1 paragraph 5 line 1) "The

device enables the user to retrieve email messages from a mail server and prints out

messages selected by the user. "(page 1 paragraph 5 line 7)

Claim 2 states "The method of claim 1, further comprising: installing said printing

device consumable in said printing device; and interfacing said printing device and said

memory module." This is being anticipated by Karn. Karn states " In order to print

atachments, it may be necessary to program the device 12 with the software

applications which correspond to those attachments. " (page 1 paragraph 14 line 17)

Claim 3 states "The method of claim 2, further comprising uploading said email

messages from said memory module to a memory of said printing device. " This is being

anticipated by Karn. Karn states " The device enables the user to retrieve email

messages from a mail server and prints out messages from a mail server and prints out

messages selected by the user." (Page 1 paragraph 5 line 7)

Claim 4 states "The method of claim 2, further comprising uploading an email

message interface from said memory module to a memory of said printing device." This

is being anticipated by Karn. Karn states "The device enables the user to retrieve email

messages from a mail server and prints out messages from a mail server and prints out

messages selected by the user." (page 1 paragraph 5 line 7)

Claim 5 states "The method of claim 3, further comprising executing said email

message interface with a controller of said printing device." This is being anticipated by

Karn. Karn states " The input device, which may be, for example, a keyboard, mouse

speech-to-text system, touch screen, or the like, with the aid of an I/O interface, a

memory and a controller, interfaces with the device 12(Fig 1). In response the selection,

the printing capable device retrieves the entire message which corresponds to the

selected hearer 24 from the mail server 18 and prints the message." (Page 1

paragraph 14 line 9)

Claim 6 states "The method of claim 5, further comprising using said email

messages on said memory module through said email message interface." This is being

anticipated by Karn. Karn states "In step 106, the control routine locates the

appropriate mail server 18 via the network." The control routine then continues to step

108 where the control routine locates the user's email inbox on the mail server 18 and

continues to step 110. " (page 2 paragraph 16 line 1)

3.   Claims 7-20, 22-35 rejected under 35 U.S.C. 102(e) as being anticipated by

Goddard et al. (6622266).

Claim 7 states "A method for providing email messages for email alerts from a

printing device, said method comprising: storing email messages on a memory

module(is represented by fig. 2- 218); attaching said memory module (fig 2-218) to a

printing device(106 consumable; installing said printing device(represented by fig 1-

106,110,114) consumable with attached memory module in a printing device; and

interfacing said memory module with said printing device." This is being anticipated by

Goddard. Goddard states that " Once configured, when an error or alert condition is

detected for one of printers 106, 108, 110, 112, and 114(fig 1), printer management

utility 204 transmits e-mail printer alert notifications to enterprise e-mail server 218(fig

2), addressed to the individual specified for the fault condition which generated the

printer alert." (column 4 line 56)

Claim 8 states "The method of claim 7, wherein said printing device(being

represented by consumable comprises a toner cartridge." This is being anticipated by

Goddard . Goddard states " Printer administrators for the enterprise are generally

responsible for responding to problems with printers, such as low toner or paper jams.

Printer management software reports these problems by various mechanisms, such as

color change or other alteration of the printer icon, audible cues, or generation of

messages. " (Column 1 line 17)

Claim 9 states" The method of claim 7, further comprising uploading said email

messages from said memory module to a memory unit of said printing device."

This is being anticipated by by Goddard . Goddard states "The printers may be either

directly connected to enterprise network 104, as in the case of printers 106, 110 112,

and 114 depicted in Fig. 1, or connected to a data processing system serving as

interface between the printer and enterprise network 104, as in the case of printer 108

connected to data processing system 116." (column 2 line 65)

Claim 10 states" The method of claim 9, further comprising sending an email

alert to one or more recipients using one of said email messages indicative of a

condition of said printing device." This is being anticipated by Goddard. Goddard states

" Printer configuration data 206, 208, 210, 212, and 214 all include alert notification

information 216 for corresponding printer, a list of electronic email(e-mail) addresses for

individuals designated to receive at least one alert notification and, for each e-mail

address an associated identification of each alert type for which an alert notification

should be transmitted to the respective address." (Column 4 line 11)

Claim 11 states "The method of claim 10, wherein said email messages comprise

fields for containing printing device information." This is being anticipated by Goddard.

Goddard states " In the exemplary embodiment, the printer administrator may

selectively configure only a single printer, or simultaneously configure all currently

monitored printers which have not previously been configured." (Column 4 line 30)

Claim 12 state "The method of claim 11, wherein said printing device information comprises an identification of said printing device." This is being anticipated by Goddard. Goddard states" In exemplary embodiment, printers 106, 108, 110 112,and 114 are depicted as shared printers while printer 108 is depicted as a private printer. "

Claim 13 states "The method of claim 11, wherein said printing device information comprises a quantification of a remaining amount of a consumable." This is being anticipated by Goddard. Goddard states " For example, one user-e.g., an enterprise employee working near the printer's physical location-may receive alert notifications for simple problems which are easily fixed, such as an empty paper trya, the printer being offline, or a paper tray being missing. "(column 3 line 53)

Claim 15 states" The method of claim 10, wherein said sending an email alert comprises: monitoring operation of said printing device for occurrence of a trigger event; inserting said printing device information into said email messages; and sending said email alert using said email messages in response to said trigger event, wherein said email messages are specific to the trigger event detected." This is being anticipated by Goddard. Goddard states " In the present invention, alert notifications may be specified or changed simultaneously for multiple printers within printers 106, 108, 110, 112, and 114. The alert notification configuration information 216 is specified by the printer administrator utilizing printer management utility. " (column 4 line 26)

Claim 16 states "The method of claim 15, further comprising receiving user input to specify a list of trigger events." This is being anticipated by Goddard. Goddard states "User interface dialog 300 also includes a display 306 of all possible alert

conditions for which notifications are sen. In the example shown, this includes all

possible printer alert conditions for any printer within the enterprise. "(Column 5 line 13)

Claim 17 states "The method of claim 7, further comprising: uploading an email

message interface from said memory module to said printing device; and accessing

said email messages on said memory module with said email message interface."

This is being anticipated by Goddard. Goddard states "The printers may be either

directly connected to enterprise network 104, as in the case of printers 106, 110, 112,

and 114 depicted in Fig. 1; or connected to a data processing system serving as an

interface between the printer and enterprise network 104, as in the case of printer 108

connected to data processing system 116. "(Column 2 line 65)" E-mail server forwards

the alert notifications to the appropriate user unit 116, 120, 0r 124 where the

corresponding individual is logged in. "(column 4 line 61)

Claim 18 states "The method of claim 17, wherein said email messages

comprise fields for containing printing device information. This is being anticipated by

Goddard. Goddard states " Once configured, when an error or alert condition is

detected for one of printers 106, 108, 110,112, and 14, printer management utility 204

transmits e-mail printer alert notification to enterprise e-mail server 218, addressed to

the individual specified for the fault condition which generated the printer alert." (column

4 line 56) To send an email message out with an alert condition, fields of the printer has

to be specified.

Claim 19 states "The method of claim 18, wherein said printing device

information comprises an identification of said printing device." This is being

anticipated by Goddard. Goddard states" In exemplary embodiment, printers 106, 108,

110 112,and 114 are depicted as shared printers while printer 108 is depicted as a

private printer. " (Column 3 line 15)

Clam 20 states "The method of claim 18, wherein said printing device information

comprises a quantification of a remaining amount of a consumable." This is being

anticipated by Goddard. Goddard states" For example, one user-e.g., an enterprise

employee working near the printer's physical location-may receive alert notifications for

simple problems which are easily fixed, such as an empty paper tray, the printer being

offline, or a paper tray being missing. " (column 3 line 55)

Claim 22 states " The method of claim 17, further comprising sending an email

alert to one or more recipients using one of said email messages indicative of a

condition of said printing device." This is being anticipated by Goddard. Goddard

states" One configured, when an error or alert condition is detected for one of printers

106, 108, 110, 112, and 114, printer management utility 204 transmits e-mail printer

alert notifications to enterprise e-mail server 218, addressed to the individual specified

for the fault condition which generated the printer alert. " (column 4 line 60)

Claim 23 states " The method of claim 22, wherein said sending an email alert

comprises: monitoring operation of said printing device for occurrence of a trigger event

inserting said printing device information into said email messages; and sending said

email alert using said email messages in response to said trigger event, wherein said

email messages are specific to the trigger event detected." This is being anticipated by

Goddard. Goddard states" Printer configuration data 206, 208, 210, 212, and 214 all

include alert notification information 216 for the corresponding printer, a list of electronic mail(e-mail)addresses for individuals, designated to receive at least one alert notification and, for each e-mail address, an associated identification of each alert type. " (Column 4 line 11) E-mail server 218 forwards the alert notifications to the appropriate user unit 116, 120, or 124 where the corresponding individual is logged in. (Column 4 line 62)

Claim 24 states "The method of claim 23, further comprising receiving user input to specify a list of trigger events." This being anticipated by Goddard. Goddard states" Printer configuration data 206, 208, 210, 212, and 214 all include alert notification information 216 for the corresponding printer, a list of electronic mail(e-mail)addresses for individuals, designated to receive at least one alert notification and, for each e-mail address, an associated identification of each alert type." (Column 4 line 11)

Claim 25 states "The method of claim 7, wherein said uploading said email message elements to printing device memory comprises: determining if previous email message elements already exist in said printing device memory; and uploading said email message elements to printing device memory if no previous email message elements are found." Uploading consumable information is considered inherent.

Claim 26 states "The method of claim 9, wherein said uploading said email message elements to printing device memory comprises: determining if previous email messages already exist in said memory unit of said printing device; and performing a replacement action if previous email message elements are found." Determining compatibility of consumable is considered inherent.

Claim 27 states "The method of claim 26, wherein said performing a replacement

action comprises replacing one or more of said previous email messages with one or

more email messages from said memory module. Determining compatibility of

consumable is considered inherent.

Claim 28 states "The method of claim 26, wherein said performing a replacement

action comprises adding one or more of said email messages from said memory

module to said previous email messages. Once again determining compatibility of

consumable items is considered inherent.

Claim 29 states" The method of claim 26, wherein said performing a replacement

action requires an administration setting, password, or other form of authentication."

Authentication by user for insertion of consumable is considered inherent.

Claim 30 states "A method for providing email messages for email alerts from a

printing device, said method comprising: storing email messages and an email message

interface on a memory module; attaching said memory module to a printing device

consumable; installing said printing device consumable with attached memory module

in a printing device; and uploading said email message interface to a printing device

memory." This is being anticipated by Goddard. Goddard states " Once configured,

when an error or alert condition is detected for one of printer 106, 108, 110, 112, and

114, printer management utility 204 transmits e-mail printer alert notifications to

enterprise e-mail server 218, addressed to the individual specified for the fault condition

which generated the printer alert. (Column 4 line 56) The printers may be either directly

connected to enterprise network 104, as in the case of printers 106, 110, 112, and 114

depicted in Fig. 1, or connected to a data processing system serving as an interface

between the printer and enterprise network 104, as in the case of printer 108 connected

to data processing system 116. "(Column 2 line 65)" E-mail server forwards the alert

notifications to the appropriate user unit 116, 120, Or 124 where the corresponding

individual is logged in. "(column 4 line 61)

Claim 31 states "The method of claim 30, wherein said printing device

consumable comprises a toner cartridge. " This is being anticipated by Goddard.

Goddard states" Printer administrators for he enterprise are generally responsible for

responding to problems with printers, such as low toner or paper jams. "(Column 1 line

17)

Claim 32 states "The method of claim 30, further comprising accessing said

email messages on said memory module using said email message interface." This is

being anticipated by Goddard. Goddard states that " E-mail server 218 forwards the

alert notifications to the appropriate user unit 116, 120, or 124 where the corresponding

individual is logged in. " (Column 4 line 56)

Claim 33 states" The method of claim 30, further comprising accessing said

email messages on said memory module using said email message interface." This is

being anticipated b Goddard. Goddard states that " Printer configuration data 206, 208,

210, 212, and 214 all include alert notification information 216 for the corresponding

printer, a list of electronic mail addresses for individuals designated to receive at least

one alert identification of each alert type for which an alert notification should be

transmitted to the respective address. " (column 4 line 11)

Claim 34 states "The method of claim 33, wherein said sending an email alert

comprises: monitoring operation of said printing device for occurrence of a trigger event

inserting said printing device information into said email messages; and sending said

email alert using said one or more of said email messages in response to said trigger

event, wherein said one or more of said email messages are specific to the trigger event

detected." This is being anticipated by Goddard. Goddard states that " System 202

includes a printer management utility 204 executing within a data processing

system(such as data processing system 118) connected to the enterprise network

(network 104 in FIG.1) and enabling an enterprise printer administrator to configure and

monitor the operation of printers 106, 108, 110, 112, and 114. " (column 3 line 47) "

Printer configuration data 206, 208, 210, 212, and 214 all include alert notification

information 216 for the corresponding printer, a list of electronic mail addresses for

individuals designated to receive at least one alert identification of each alert type for

which an alert notification should be transmitted to the respective address. " (column 4

line 11)

Claim 35 states "The method of claim 34, further comprising receiving user input

to specify a list of trigger events." This is being anticipated by Goddard. Goddard

states that " User interface dialog 300 includes a display 302 of the e-mail addresses for

recipients of at least one alert notification. E-mail addresses may be added to or

removed from display 302 utilizing add/remove controls 304a-304b." (column 5 line 14)

4.   Claims 36-40 rejected under 35 U.S.C. 102(e) as being anticipated by

Whale(0188504).

Claim 36 states "A method of providing a customized list of email messages for

use by a printing device, said method comprising: receiving email messages from a

purchaser of a printing device consumable; storing said email messages on a memory

module attached to said printing device consumable." This is being anticipated by

Whales. Whales states" The promotion initiation component is further configured to

initiate promotional actions, directed to operators of particular print systems, in response

to detected or calculated changes in consumable product usage by said comprise a

variety of things, such as simply notifying the customer or presenting or proposing

alternative purchase contracts for consumable products. Promotional proposals such

as this might be presented during the normal ordering process, as email descriptions of

purchase options, or even by personal contact from a representative or sales person of

the vendor." (page 5 paragraph 36)The memory 134 of the printer also stores vendor

information 142 that includes data about the vendor system. (Page 3 paragraph 37)

Claim 37 states "The method of claim 36, further comprising providing said

printing device consumable with said memory module to said purchaser." This is being

anticipated by Whale. Whale states" As described above, printers typically utilize

consumable products. Such consumable products might include toners, inks, ribbons,

paper, and other items. " (page 2 paragraph 20)

Claim 38 states "The method of claim 36, wherein said receiving said email

messages from a purchaser comprises receiving said email messages through a

terminal at a consumables sales facility." This is being anticipated by Whales. Whales

states "In other cases, the promotion initiation component.178 might simply notify

vendor salespersons of customers whose usages have increased or decreased. Such

notification might take the form of automatically generated email to the vendor sales

persons or lists of customers that are communicated to salespersons." (Page 5

paragraph 61 line 3)

Claim 39 states " The method of claim 36, wherein said receiving said email

messages from a purchaser comprises receiving said email messages from said

purchaser through a computer network". This is being anticipated by Whales. Whales

states " Such notification might take the form of automatically generated email to the

vendor sales persons or list of customers that are communicated to salespersons."

(Page 5 paragraph 61 line 6) Fig. 1 shows a network system 100 that includes a

consumer or customer print system 1010 and a vendor system 102. The print system

and vendor system are configured for bi-directional communications over a

communications medium. " (page 1 paragraph 18)

Claim 40 states" The method of claim 39, wherein said computer network

comprises the Internet." This is being anticipated by Whales. Whales states" In this

example , the communications medium comprises a public network such as the

Internet. " (page 1 paragraph 18 line 5)

5.   Claim 41-52 rejected under 35 U.S.C. 102(e) as being Anticipated by

Miyano(002074).

Claim 41 states "A consumable for use with a printing device(This is being

represented by Fig 1), said consumable comprising: a printing device consumable; a

memory module attached to said printing device consumable; and email messages

stored on said memory module." This is being anticipated by Miyano. Miyano state

"The maintenance provider monitors the status of the consumable printing materials of

their printers by receiving e-mail messages sent from printers which need new

consumable printing materials, and distributes the necessary consumable products to

the printer user. " (Page 1 paragraph 15 line 7) "Fig 1 is a block diagram of a system

100 including a printer 110 coupled to a server according to a specific embodiment of

the present invention" (Page 1 paragraph 16).

Claim 42 states "The consumable of claim 41, further comprising a wireless

interface for said memory module for interfacing and communicating with a printing

device." This is being anticipated by Miyano. Miyano states " The network connection

between the network interface 112 and the servers 150 and 160 includes wired an/or

wireless connections. It should be understood the printer and the content server 120

may communicate through one or more network devices including PCs(personal

Computers), servers, routers, Internet appliance, terminal adapters, and the like. "

(page 2 paragraph 19 line 5)

Claim 43 states " The consumable of claim 42, wherein said wireless interface

comprises an infrared interface. This is being anticipated by Miyano. Miyano states

"The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial cables, optical fibers, radio frequency waves, infrared waves, and the like. " (page 3 paragraph 30 line 5)

Claim 44 states "The consumable of claim 42, wherein said wireless interface comprises an infrared interface." This is being anticipated by Miyano. Miyano states "The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial cables, optical fibers, radio frequency waves, infrared waves, and the like. " (page 3 paragraph 30 line 5)

Claim 45 states "The consumable of claim 41, further comprising a wired interface for said memory module for interfacing and communicating with a printing device." This is being anticipated by Miyano. Miyano states "The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial cables, optical fibers, radio frequency waves, infrared waves, and the like. " (page 3 paragraph 30 line 5)

Claim 46 states "The consumable of claim 41, further comprising an email message interface stored on said memory module which, when uploaded to a printing device, allows access and use of said email messages on said memory module."

This is being anticipated by Miyano. Miyano states " For example the illustrated embodiments have been described primarly in the context of a maintenance server run by a maintenance provider, it should be appreciated that various servers run by other entity or person may monitor the status of a remote printer connected to server via a network. In other words, the scheme sending an e-mail message containing the status of the printer may be utilized by various servers for other purposes. " (page 5 paragraph 51 line 5)

Claim 47 states" A printing device comprising: a printing device controller with an email engine for using email messages provided by a memory module attached to a printing device consumable; a printing device memory storing said email engine; and a printing device interface disposed and configured to interface and communicate with said memory module attached to a printing device consumable supplied to said printing device." This is being anticipated by Miyano. Miyano states" The maintenance provider monitors the status of the consumable printing materials of their printers by receiving e-mail messages sent from printers which need new consumable printing materials, and distributes the necessary consumable products to the printer user. " (Page 1 paragraph 15 line 7) "Fig 1 is a block diagram of a system 100 including a printer 110 coupled to a server according to a specific embodiment of the present invention" (Page 1 paragraph 16).

Claim 48 states "The printing device of claim 47, wherein said printing device interface comprises a wireless interface." This is being anticipated by Miyano. Miyano

states " The network connection between the network interface 112 and the servers 150 and 160 includes wired an/or wireless connections. "(page 3 paragraph 30 line 5)

Claim 49 states "The printing device of claim 48, wherein said wireless interface comprises a radio frequency interface." This is being anticipated by Miyano. Miyano states "The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial cables, optical fibers, radio frequency waves, infrared waves, and the like. " (page 3 paragraph 30 line 5)

Claim 50 states "The printing device of claim 48, wherein said wireless interface comprises an infrared interface." This is being anticipated by Miyano. Miyano states "The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial cables, optical fibers, radio frequency waves, infrared waves, and the like. " (page 3 paragraph 30 line 5)

Claim 51 states "The printing device of claim 47, wherein said printing device interface comprises a wired interface." This is being anticipated by Miyano. Miyano states. "The connection between the printer 110 and the LAN server 150 may be may be a combination of wired and/or wireless coupling using various data transmission medium such as twisted pair cables, baseband coaxial cables, broadband coaxial

cables, optical fibers, radio frequency waves, infrared waves, and the like." (page 3

paragraph 30 line 5)

Claim 52 states "The printing device of claim 47, further comprising a user

interface for controlling said printing device." This is being anticipated by Miyano.

Miyano states " The printer 110 includes a controller 111, a network interface 112, a

ROM(Read-Only Memory) 113, an EEPROM (Electrically Erasable Programmable

Read-Only Memory) 114, an ink ribbon sensor 115, a paper sensor 116, a user

interface 117, a printing mechanism 118, an HDD (Hard Disk Drive) 119a, and a

RAM(Random Access Memory) 119b."

Claim 53 states " The printing device of claim 47, wherein said controller is

further configured to upload an email message interface from said memory module and

execute said email message interface to access email messages stored on said

memory module." This is being anticipated by Miyano. Miyano states" The controller

111 controls various functions of components included in the printer 110, communicates

with an external device by exchanging data (e.g., e-mail messages) through the network

interface 112, and processes the retrieved data." (page 2 paragraph 18 line 7)

Claim Rejections - 35 USC § 103

6.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

7.   Claim 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Goddard

et al.(6622266) as applied to claim 21 above, and further in view of Whale

(2002/0188504).

        Claim 21 states "The method of claim 18, wherein said email message comprises

an order for additional consumables sent to a provider of said consumables."

Goddard teaches the method of claim 18 which states "A method for providing email

messages for email alerts from a printing device, said method comprising: storing email

messages on a memory module; attaching said memory module to a printing device

consumable; installing said printing device consumable with attached memory module

in a printing device; and interfacing said memory module with said printing device.

Further comprising: uploading an email message interface from said memory module to

said printing device; and accessing said email messages on said memory module with

said email message interface. Where in said email messages comprise fields for

containing printing device information."(please refer to claim 18 for Goddard teachings)

Goddard does not teach an email message comprises an order for additional

consumables sent to a provider of said consumables.

        Whales teaches an order for extra consumables sent to provider. Whales states

"In a system in which customers order consumable supplies from a vendor online,

usage parameters are gathered during online data sessions. Such usage parameters

indicate rates of usage of consumable products such as paper, marking agents,

cartridge, etc. (page 1 paragraph 8) In other cases, the promotion initiation component

178 might simply notify vendor salespersons of customers whose usages have

increased or decreased. Such notification might take the form of automatically

generated email to the vendor sales persons or lists of customers that communicated to

salespersons.(page 5 paragraph 61 line 3). It would have been obvious to a person of

ordinary skill in the art at the time of the invention to modify a system which has an alert

mechanism for printer consumable status (as specified by Goddard) to include emails

sent to designated vendor(s) for ordering more consumables(as specified by Whales).

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Gerald Smarth whose telephone number is (571)270-

1923. The examiner can normally be reached on Monday-Friday(7:30am-5:00pm)est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jeff Pwu can be reached on (571)272-6798. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

JEFFREY PWU
SUPERVISORY PATENT EXAMINER

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JEFFREY PWU
SUPERVISORY PATENT EXAMINER